

**DECLARATION FOR UNITED STATES PATENT APPLICATION,  
DESIGNATION OF CORRESPONDENCE ADDRESS**

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As below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Method for Determining Registration Areas in a Wireless Communication System specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a).

I hereby declare that all business in the United States Patent and Trademark Office shall be connected with: Chiou, Ta-gang , One Broadway, 14<sup>th</sup> Floor, Cambridge, MA USA 02142, Telephone: (617) 475-1580; Fax: (617) 507-7889. Address all correspondence to Groundhog Technologies Inc. of One Broadway, 14<sup>th</sup> Floor, Cambridge, MA USA 02142.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made punishable by fine or imprisonment, or both, under § 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature: Chen, Meng-Seng Date: 12/19/2003

First Joint Inventor: Chen, Meng-Seng

Citizenship: TAIWAN, R.O.C.

Residence and Post Office Address:

One Broadway, 14<sup>th</sup> Floor, Cambridge, MA USA 02142

Signature: Kuo, Tzu-Wen Date: 12/19/2003

Second Joint Inventor: Kuo, Tzu-Wen

Citizenship: TAIWAN, R.O.C.

Residence and Post Office Address:

One Broadway, 14<sup>th</sup> Floor, Cambridge, MA USA 02142

Signature: Shieh, Yuh-Pyng Date: 12/19/2003

Third Joint Inventor: Shieh, Yuh-Pyng

Citizenship: TAIWAN, R.O.C.

Residence and Post Office Address:

One Broadway, 14<sup>th</sup> Floor, Cambridge, MA USA 02142

**ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS**

**PATENT**

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**WHEREAS** Chen, Meng-Seng, Kuo, Tzu-Wen, and Shieh, Yuh-Pyng hereinafter referred to collectively as the assignor, has invented a certain improvement relating to Method for Determining Registration Areas in a Wireless Communication System the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office.

**AND WHEREAS** Groundhog Technologies Inc. of One Broadway, 14<sup>th</sup> Floor, Cambridge, MA USA 02142 hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefore, including any and all renewals, reissues and prolongations thereof;

**NOW THIS WITNESSETH**, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise, and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefore, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

**AND** said assignor hereby agrees to perform, upon the request of said assignee,

or said assignee's successors or assigns, any and all acts relating to the obtaining or to asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

ASSIGNOR:

WITNESS:

Signature: Chen, Meng-Seng

Signature: Young, Ming-Hui

Printed Name: Chen, Meng-Seng

Printed Name: Young, Ming-Hui

Date: 12/19/2003 ;

Date: 12/19/2003 .

Signature: Kuo, Tzu-Wen

Printed Name: Kuo, Tzu-Wen

Date: 12/19/2003 ; and

Signature: Shieh, Yuh-Pyng

Printed Name: Shieh, Yuh-Pyng

Date: 12/19/2003 .